Declassified in Part - Sanitized Copy Approved for Release 2012/08/31 : CIA-RDP00M01914R001000030021-9

92

BRIDE TOP SECRET





VSAR .		Ref No:	3∕ங்	I'/T158		•
	•	Issued:		11/2/1952		25 X
		Сору Ио:	205			
INTERNATI	ON MIOM "ARSENIJ" ON	A JET AIRCRAF	T ENG	INE.	•	
From: NEW YCR	ĸ					
To: MOSCOW			•			
No: 1152		12ug 1	944			
To VICTOR.	•••				e General de la companya	
The VCZDUKhA] [2 gr	e latest experimental roups unrecovered] of	model of the	air u s:[ii	nit [USTA]	NOVKil .	?
reduced as a re	combustion chambers. sault of cutting down picked is considered	the fuel. T	he nu			f .
been left in or together by tub	s ignition has been something two chambers. A cost along which the fitter combustion [start abers.	ll the chamber	s are	connected to the o	l ther	
continuously.	nbustion of the parch hir compressed to a ng helix whence via [27 groups		_r atmo			
4. The	e temperature in the	ocubustion cho	unber	is 1760 ⁰		
	e chamber has inside : urface, combustion tal					

Distribution

BRIDE

SUEDE

[Continued overleaf]

25X1

5/HDF/T158 [2 Pages] **-** 2 **-**

S/NDF/T158

compressed air passes through the apertures into the interior of the cylinder. This design was chosen owing to the difficulty of selecting suitable heat-resisting steel for the chamber. At present the interior perforated cylinder is changed every 14 hours.

6. Instead of an axial flow gas turbine there is fitted [1 group unrecovered] tangential flow turbine [1 group unrecovered] the latter [1 group unrecovered] checking.

No. 639.

hay [har][iii]

T.N.: [a] Inserted by the translator.

Comments: [i] ARSENIJ: Andrej Ivanovich ShevChenko.

[ii] The following details relate to a jet aircraft engine.

[iii] M.J. Pavel Ivanovich FEDOSIMOV.

. 7.S. No. XY-50.2

S/NDF/T158